

BASE FOR HYDROUS PATCH

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Abstract

PURPOSE: A base of safe hydrous patch having improved shape retention, water retention characteristics and adhesivity, containing a monovalent salt of a polyacrylic acid, a carboxyl group-containing hydrophilic polymer, an aluminum salt, a polyhydric alcohol and a specific amount of water.

CONSTITUTION: A monovalent salt of a polyacrylic acid having preferably $\geq 1 \times 10^6$ weight-average molecular weight and 50-100% stoichiometric neutralization ratio as a synthetic high polymer substance to form a gel skeleton is used with a carboxyl group-containing hydrophilic polymer, further an aluminum salt as a crosslinking agent, 20-80wt% limited amount of water and a polyhydric alcohol to give a base for hydrous patch such as an anti-inflammatory drug, analgesic cataplasm, cooling tool, etc., having a strong skeleton of gel, showing the above-mentioned effects, keeping a cold feeling for a long time, having improved adhesiveness to the skin and high durability of medicinal effects of drug, especially when an endermically absorbable drug is contained.

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